



November 27-28, 2025 // Hotel Le Saint Paul, Nice

## MEETING PROGRAM

### Thursday, November 27

8:45 - 9:00 | Welcome & Introduction

Opening remarks from the organizing committee.

9:00 - 10:30 | Session 1: Biochemistry of Mucus

*Chair: TBD*

- 9:00 - 9:45 | *Mucins: Biosynthesis and Secretion* – Dave Thornton (University of Manchester)
- 9:45 - 10:15 | *Mucin Glycosylation: Impact of Metals* – Maria Maeres (Technische Universität Berlin)
- 10:15 - 10:30 | Selected abstract presentation

10:30 - 11:00 | Coffee Break

11:00 - 12:30 | Session 2: Mucus Cells

*Chair: TBD*

- 11:00 - 11:45 | *Mucus Cells* – Georges Birchenough (University of Gothenburg) (to be confirmed)
- 11:45 - 12:15 | *Heterogeneity of Mucus Cells in Intestinal Crypts* – Catherine Robbe-Masselot (Université de Lille)
- 12:15 - 12:30 | Selected abstract presentation

12:30 - 13:00 | Poster Mini-Talks

13:00 - 14:00 | Lunch (Cocktail Style)

14:00 - 15:00 | Poster Session

15:00 - 16:00 | Session 3: Mathematics of Mucus Dynamics

*Chair: TBD*

- 15:00 - 15:30 | *Mathematical Simulations of Mucus Flow* (speaker to be confirmed)
- 15:30 - 15:45 | Selected abstract presentation
- 15:45 - 16:00 | Selected abstract presentation

16:00 - 16:30 | Coffee Break

16:30 - 17:30 | Session 4: Mini-Symposiums and “Green Pipets” talk

Trans Mucus Network, Network for transdisciplinary mucus studies

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- 16:30 - 17:30 | Three scientific talks from sponsors
- 17:30 - 18:00 | Presentation on sustainable science

20:00 | Gala Dinner (Downtown Nice, TBD)



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## Friday, November 28

9:00 - 10:30 | Session 5: Physical Properties of Mucus

Chair: TBD

- 9:00 - 9:45 | *Mucus and Bacterial Biofilms as Biological Barriers to Anti-infective Drug Delivery* – Claus-Michael Lehr (Helmholtz Center for Infection Research, Munich)
- 9:45 - 10:15 | *Comparison of Sputum and Reconstituted Mucus Rheology* – Lydia Esteban Enjuto (Rheonova, Grenoble)
- 10:15 - 10:30 | Selected abstract presentation

10:30 - 11:00 | Coffee Break

11:00 - 12:45 | Session 6: Mucus in Infection and Exposure

Chair: TBD

- 11:00 - 11:30 | *Mucus in Cystic Fibrosis* – (to be confirmed)
- 11:30 - 12:00 | *Mucus and Mucins: Their Role in Understanding the Human Exposome* – Muriel Mercier Bonin (INRAE Toulouse) (to be confirmed)
- 12:00 - 12:30 | *Microbiota-Host Interactions* – Benoit Chassaing (Institut Pasteur, Paris)
- 12:30 - 12:45 | Selected abstract presentation

12:45 - 14:30 | Lunch (Seated Service)

14:30 - 16:30 | Session 7: Organ-on-Chip and Organoids

Chair: TBD

- 14:30 - 15:15 | *Organ-on-Chip Technology in Mucus Research* – Janna Nawroth (Helmholtz Center, Munich)
- 15:15 - 15:45 | *Using pulmonary organoids as models for normal and pathological lungs* – Céline Cougoule, (IPBS Toulouse)
- 15:45 - 16:00 | Selected abstract presentation

16:00 - 16:30 | General conclusions and closing remarks